

ANIKET GHONGE

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Summary

Senior Engineering & Operations Leader with Fortune 1 experience at Amazon and Walmart, specializing in supply chain optimization, industrial design, capacity planning, automation strategy, fulfillment and logistics facility design, project management and operational excellence. Proven ability to lead large-scale networks (50M+ daily volume), boost sort center utilization by 20%, drive multimillion-dollar automation and CAPEX projects, and enhance performance in high-volume operations. Lean Six Sigma Black Belt with expertise in program management, data analytics, and multi-site leadership.

Skills

Technical Skills

- Python, SQL, Generative and Agentic AI
- Advanced Excel (VBA, macros, Crystal Ball)
- Tableau & QuickSight
- AutoCAD & Revit
- SAP & Salesforce
- Simulation Tools & ProModel
- MOST/MTM & Manufacturing Practices
- Capacity, Forecasting & Labor Planning Modeling

Soft Skills

- Decision Making
- Collaboration & Teamwork
- Analytical Thinking
- Problem Solving
- Process Optimization
- Communication & Stakeholder Engagement
- Adaptability
- Continuous Improvement

Professional Experience

Amazon | San Diego, CA
Senior Supply Chain Manager
09/2025 - Current

- Supporting onboarding shippers and vendors with commercial, collaborating across operations, software, product, and sales teams to drive capacity utilization and achieve a \$1.6B sales target.
- Designed and implemented a shipper onboarding strategy based on volume mix, delivery speed, and facility capabilities.
- Optimized network routing and connectivity to reduce cost-to-serve and improve SLA performance.
- Developed a data-driven vendor scorecard evaluating cost, timeliness, speed, and parcel characteristics in a web designed UI using Agentic AI.
- Aligned engineering and business requirements to ensure successful product launches.
- Built an entire new software application from scratch as an extension to CRM technology to manage customer information overrides, reducing manual management hours by 90% and improving WAPE by 40%.
- Built multiple software applications and products using a combination of Agentic AI and Generative AI, with complete UX and backend architecture, to deliver value-added outputs to planning organizations.

Amazon | San Diego, CA
Senior Supply Manager (Industrial Design Engineering)
09/2023 - 09/2025

- Supported a 5-year logistics automation and innovation roadmap, managing \$4B+ in capital planning and delivering \$15M in cost avoidance through 2025 design initiatives.
- Led multiple cross functional programs with 22 process and design engineers, improving engineering rigor and cycle-time efficiency.
- Enabled \$250M+ in construction and automation investments through capacity modeling, risk mitigation, and operational readiness planning.
- Drove product requirements and stakeholder alignment across 1,000+ users and 5 organizations; recognized as #2 Best Technical Product by NA Sort

Centers.

Amazon | Nashville, TN

Engineering Program Manager (Industrial Design Engineering)

10/2021 - 09/2023

- Built and owned network-wide business review mechanisms (weekly, monthly, quarterly) for senior leadership, enhancing operational visibility and planning cadence.
- Led capacity planning and IE governance for a 50M+ daily volume network across automated and manual sort centers in North America and Canada.
- Drove automation and product development initiatives to improve engineering planning cycle execution.
- Developed optimization models, labor planning logic, and performance dashboards for asset deployment, achieving 96% network adoption.

Walmart | Spring Valley, IL

Senior Operations Manager

08/2020 - 09/2021

- Directed daily operations for 8 managers and 170 indirect hourly associates, supporting \$55M in weekly sales and 3.5M units.
- Oversaw labor planning, inventory management, replenishment, and key operational KPIs in a high-volume distribution environment.
- Improved efficiency by automating reporting processes using Excel VBA.
- Led cross-functional execution of retail programs, seasonal initiatives, and large-scale operational projects.
- Maintained operational excellence through routine audits, compliance enforcement, and inventory quality control.

Ranir | Grand Rapid, MI

Industrial Engineer

06/2019 - 04/2020

- Executed Lean Six Sigma DMAIC projects to improve throughput and reduce operational waste.
- Developed VSMs, SIPOC models, and facility layout redesigns to optimize material flow and handling across manufacturing operations.
- Implemented production tracking systems, enhancing operator compliance and performance across L1–L4 levels.
- Performed time studies, capacity and utilization analyses, and supported JIT production optimization.
- Updated SOPs for injection molding operations and resolved reporting inaccuracies through structured problem-solving.

Amazon | India

Supply Chain Specialist (UK BU)

03/2017 – 09/2017

- Acted as escalation owner for customer-impacting issues, implementing CAPA actions that improved service performance metrics.
- Supported EU and NA business units, ensuring consistent service delivery across regions.
- Recognized as “Top Performer” during high-volume Black Friday / Cyber Monday peak sales periods.

TAL Manufacturing Solutions Limited | India

Manufacturing Intern

05/2016 - 12/2016

- Developed and optimized Excel-based analytical tools to evaluate CNC machine Overall Equipment Effectiveness (OEE) and enhance setup efficiency.
- Conducted detailed performance analysis to identify key factors impacting operational productivity.
- Diagnosed root causes of unplanned downtime and implemented data-driven recommendations to improve machine availability.

Education

Western Michigan University | Kalamazoo, MI

Master of Science in Industrial Engineering

12/2018 - 04/2020

- Industrial Engineering

- Project Management

- Capital Budget & Cost Analysis
- Leadership
- Production and Operations Management
- Continuous Improvement

- Design of Experiments
- Advanced Simulation Model & Analysis
- Linear Programming

University of Pune | India

Bachelor of Engineering in Mechanical Engineering

05/2016 - 06/2016

- Mechanical Engineering
- Operations Research
- Mechanical System Design
- Production Engineering
- Quality Engineering

Publications

1. Ghonge, A. & Dwivedi, A. (2026). "An AI-Enabled Automated Multi-Criteria Decision Framework for Shipper Prioritization in Capacity-Constrained Logistics Networks." *MDPI Logistics* (Under Review).
2. Ghonge, A. & Dwivedi, A. (2026). "Serverless Agentic AI Architecture for Real-Time Enterprise Decision Support: A Multi-Agent Framework for Logistics Capacity Management." *IEEE Access* (Under Review).
3. Ghonge, A. & Dwivedi, A. (2026). "Monte Carlo Validation of Multi-Criteria Weighted Scoring Models for Logistics Capacity Management." *Proc. IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2026)* (Under Review).
4. Ghonge, A. & Dwivedi, A. (2026). "From Practitioner to Production: An Engineering Management Framework for AI-Enabled Decision Systems." *IEEE Transactions on Engineering Management* (Under Review).
5. Ghonge, A. & Dwivedi, A. (2026). "Lessons from the Field: A Practitioner's Guide to Building Enterprise AI Decision Systems Without an Engineering Team." *IEEE Engineering Management Review* (Under Review).
6. Ghonge, A. & Dwivedi, A. (2026). "A Multi-Tiered Governance Framework for Autonomous AI Agents in Supply Chain Decision-Making." *2026 IEEE Global Emerging Technologies Conference (iGET)*, IEEE. Submitted.

Peer Review and Judging

94 peer reviews completed across internationally recognized programs:

- **Stevie Awards:** 68 reviews completed as a judge on the Technology & Software Engineering Judging Panel (2026). Profile: globalrecognitionawards.org/global-recognition-awards-technology-and-software-engineering-judging-panel-2026/
- **Global Recognition Awards:** 20 reviews completed as a judge on the judging panel (2026).
- **IEEE:** 6 paper reviews completed for multiple IEEE conference papers.
- **IEEE Global Hackathon 2026 Judge:** Accepted participant (requesting Judge assignment) pending number of assignments.

Professional Memberships

- **IEEE (Institute of Electrical and Electronics Engineers)** Member; Senior Member application under review. Active reviewer for IEEE journals and conferences.
- **INFORMS (Institute for Operations Research and the Management Sciences)** Member. Presenter at INFORMS Annual Meeting 2026.
- **PMI (Project Management Institute)** Member. PMP and PMI-ACP certified. Director of Mentorship Programs, PMI Orange County Chapter.
- **"ACEAI / AAIA (Association for Advancing Artificial Intelligence in Industry) – Advisory Board Liaison** (appointed July 2026, unanimous board approval by Dorina Jordanov)."

Leadership and Volunteer Service

Director of Mentorship Program | PMI Orange County Chapter (700K+ member org) | Jul 2026 – Present

- Appointed to lead chapter-wide mentorship program; manage a team of 3 ICs, coordinate across 7 cross-functional teams, and oversee structured cohort programs pairing experienced PMs with emerging leaders

- Drive program strategy, event logistics, participant engagement, and community growth through data-driven approaches and innovative outreach.

Nonprofit & Community Service

Volunteer Service & Industry Judging

- Volunteer judge for the Stevie Awards (2026) and Global Recognition Awards (2026), evaluating technology and software engineering submissions from global applicants.
- Contribute expertise in AI, supply chain operations, and engineering management to support recognition of innovation and excellence in industry.
- Active participant in academic and professional community service through peer review, conference reviewing, and mentorship activities.

Websites, Portfolios, Profiles

- LinkedIn: <https://www.linkedin.com/in/aniketghonge/>
- Portfolio Website: <https://www.aniketghonge.com/>
- ORCID: <https://orcid.org/my-orcid?orcid=0009-0003-3113-0721>
- Google Scholar: <https://scholar.google.com/citations?user=wHoLCFQAAAAJ&hl=en>
- <https://globalrecognitionawards.org/global-recognition-awards-technology-and-software-engineering-judging-panel-2026/>

Certifications

- Project Management Professional (PMP) | PMI
- Lean Six Sigma Black Belt (LSSBB) | ASQ, MSI
- Certified Six Sigma Green Belt (CSSGB) | IISE
- Current Good Manufacturing Practices (cGMP)
- AWS AI Practitioner | Amazon Web Services
- AWS AI Fundamentals (Machine Learning University)